

VIA FEDEX

New Jersey Department of Environmental Protection
Division of Land Use Regulation
501 E. State Street, Second Floor
Trenton, New Jersey 08609

Attention: Application Support

ADDRESS Ocean and Coastal
Consultants, Inc.
35 Corporate Drive,
Ste 1200
Trumbull, CT 06611
TEL 203.268.5007
FAX 203.268.8821
WWW ocean-coastal.com
DATE 2/24/2015
PAGE 1/1
REF MADN
PROJECT NO 214078

**Stone Harbor Maintenance Dredging
NJDEP Waterfront Development Permit Application**

To whom it may concern:

On behalf of the Borough of Stone Harbor, Ocean and Coastal Consultants, Inc. (OCC|COWI) is pleased to submit the enclosed permit application package for review. The applicant seeks to permit periodic maintenance dredging activities within the waterways of Stone Harbor in Cape May County. OCC|COWI has also submitted an application package to the USACE New York District for review and approval.

Please feel free to contact the undersigned via phone at (856) 821-4131 or email at madn@cowi.com.

Very truly yours,

Matthew Dalon
Project Manager

Enclosure: Permit Application Package (hard copy and CD)
Coastal Zone Management Rules (10 copies)
Permit Drawings (15 copies)
USACE Individual Permit Application (CD)

Copy: Jill Gougher – Stone Harbor (CD)
USACE Philadelphia District (CD)

FEBRUARY 2015
BOROUGH OF STONE HARBOR

STONE HARBOR MAINTENANCE DREDGING

NJDEP WATERFRONT DEVELOPMENT PERMIT APPLICATION

COWI



ADDRESS COWI Marine North America
35 Corporate Drive
Suite 1200
Trumbull, CT 06611

TEL 203-268-5007

FAX 203-268-8821

WWW cowi-na.com

FEBRUARY 2015
BOROUGH OF STONE HARBOR

STONE HARBOR MAINTENANCE DREDGING

NJDEP WATERFRONT DEVELOPMENT PERMIT APPLICATION

PROJECT NO. 214078-3
DOCUMENT NO.
VERSION 1.0
DATE OF ISSUE 25 February 2015
PREPARED LETO
CHECKED MADN
APPROVED MADN

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1 LURP Form and Fee



COPY

Stal 02/24/2015
Department of Environmental Protection
Division of Land Use Regulation Application Form (DLUR)
501 E. State Street Mail Code 501-02A P.O. Box 420
Trenton, NJ 08625-0420
Phone #: (609) 777-0454 Web: www.nj.gov/dep/landuse



Please print legibly or type the following: Complete all sections unless otherwise noted Is this project Superstorm Sandy Related Yes No

1. Applicant/Company: Mr./Ms./Mrs The Borough of Stone Harbor E-Mail: gougherj@shnj.org
Address: 9508 Second Avenue Daytime Phone: (609) 368-6811 Ext. _____
City/State: Stone Harbor, NJ Zip Code 08247 Cell Phone: _____

2. Agent Name: Mr./Ms./Mrs Matthew Dalon E-Mail: madn@cowi.com
Firm Name: Ocean and Coastal Consultants | COWI
Address: 20 E Clementon Rd, Suite 201N Daytime Phone: (856) 821-4131 Ext. _____
City/State: Gibbsboro, NJ Zip Code 08026 Cell Phone: _____

3. Property Owner: Mr./Ms./Mrs The Borough of Stone Harbor E-mail: _____
Address: (see above) Daytime Phone: _____ Ext. _____
City/State: _____ Zip Code _____ Cell Phone: _____

4. Project Name: Stone Harbor Maintenance Dredging Address/Location: (see attached)
Municipality: Borough of Stone Harbor County: Cape May
Block(s): (see attached) Lot(s): (see attached)
N.A.D. 1983 State Plane Coordinates(feet) E (x): 416,995 N(y): 81,672 Not Longitude/Latitude (www.nj.gov/dep/gis/geoweb splash.htm)
Watershed: Area 16, Cape May Subwatershed: Cape May Bays
Nearest Waterway: Great Channel

5. Project Description: Periodic maintenance dredging of Stone Harbor waterways with upland disposal

Provide if applicable: Previous LUR File # (s): 0510-99-00012.1/.2 Waiver request ID # (s): _____

A. SIGNATURE OF APPLICANT (required):

I certify, under penalty of law, that the information provided in this document is true and accurate. I am aware that there are significant civil and criminal penalties for submitting false or inaccurate information. If corporate entity, print/type the name and title of the person signing on behalf of the corporate entity.

Suzanne M. Walters
Signature of Applicant

2/18/15
Date

SUZANNE M. WALTERS
Print Name

Signature of Applicant

Date

Print Name

02/24/2015

B. PROPERTY OWNER'S CERTIFICATION

I hereby certify that the undersigned is the **owner of the property** upon which the proposed work is to be done. This endorsement is certification that the owner grants permission for the conduct of the proposed activity. In addition, I hereby give unconditional written consent to allow access to the site by representatives or agents of the Department for the purpose of conducting a site inspection(s) or survey(s) of the property in question.

In addition, the undersigned property owner hereby certifies:

- 1. Whether any work is to be done within an easement? Yes No
- 2. Whether any part of the entire project (e.g., pipeline, roadway, cable, transmission line, structure, etc.) will be located within property belonging to the State of New Jersey? Yes No
- 3. Whether any work is to be done on any property owned by any public agency that would be encumbered by Green Acres? Yes No
- 4. Whether any part of this project requires a Section 106(National Register of Historic Places) Determination as part of a federal permit or approval? Yes No

Suzanne M. Walters
 Signature of Owner
02/18/15
 Date
SUZANNE M. WALTERS
 Print Name

 Signature of Owner

 Date

 Print Name

C. APPLICANT'S AGENT

I _____, the Applicant/Owner and _____, co-Applicant/Owner authorize to act as my agent/representative in all matters pertaining to my application the following person:

Matthew Dalon
 Name of Agent
Professional Engineer
 Occupation/Profession of Agent

Suzanne M. Walters
 Signature of Applicant/Owner

 Signature of co-Applicant/Owner

AGENT'S CERTIFICATION:

I agree to serve as agent for the above-referenced applicant:

Signature of Agent

NOTARY: (Required for Flood Hazard Area (FHA) applications)

Sworn to me, this day of: _____, 20 _____

Notary Public

D. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, SURVEYOR'S OR ENGINEER'S REPORT

I hereby certify that the plans, specifications and engineer's report, if any, applicable to this project comply with the current rules and regulations of the New Jersey Department of Environmental Protection with the exceptions as noted. In addition, I certify the application is complete as per the appropriate checklist(s).

 Signature
Matthew Dalon, PE
 Print Name
Project Manager, OCC | COWI
 Position & Name of Firm
24GE04960900
 Professional License # _____ Date _____

E. STATEMENT OF PREPARER OF APPLICATION, REPORTS AND/OR SUPPORTING DOCUMENTS (other than engineering)

I certify under penalty of law that I have personally examined the information submitted in the document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate and complete in accordance with the appropriate checklist(s). I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

 Signature
Matthew Dalon, PE
 Print Name
Project Manager, OCC | COWI
 Position & Name of Firm
24GE04960900
 Professional License # _____ Date _____
 (If Applicable)

F. APPLICATION(S) FOR: (Check all that apply)

	CAFRA	Fee Amount	Fee Paid
<input type="checkbox"/>	Individual Permit		
<input type="checkbox"/>	Exemption Request	\$500.00	
<input type="checkbox"/>	Permit Modification		
<input type="checkbox"/>	CAFGP5 / Amusement Pier Exp	\$1,000.00	
<input type="checkbox"/>	CAFGP6 / Beach/Dune Maintenance	\$1,000.00	
<input type="checkbox"/>	CAFGP7 / Voluntary Reconstruction	\$1,000.00	
<input type="checkbox"/>	CAFGP8 / New Single Family or Duplex	\$1,000.00	
<input type="checkbox"/>	CAFGP9 / Reconstruct Single Fam/Dup	\$1,000.00	
<input type="checkbox"/>	CAFGP10 / New Bulkhead/Fill Lagoon	\$1,000.00	
<input type="checkbox"/>	CAFGP11 / Revetment	\$1,000.00	
<input type="checkbox"/>	CAFGP12 / Gabions	\$1,000.00	
<input type="checkbox"/>	CAFGP13 / Support Facilities/ Marina	\$1,000.00	
<input type="checkbox"/>	CAFGP14/Reconst Bulkhead above MHWL	\$1,000.00	
<input type="checkbox"/>	CAFGP15 / Hazard Waste Clean-up	\$1,000.00	
<input type="checkbox"/>	CAFGP16 / Landfall of Utilities	\$1,000.00	
<input type="checkbox"/>	CAFGP17 / Recreat Facility Public Park	\$1,000.00	
<input type="checkbox"/>	CAFGP18 / BulkheadConstruct/Fill upland	\$1,000.00	
<input type="checkbox"/>	CAFGP21 / Shoreline Stabilization	\$1,000.00	
<input type="checkbox"/>	CAFGP22 / Avian Nesting Structures	\$1,000.00	
<input type="checkbox"/>	CAFGP23 / Electrical Sub Facility	\$1,000.00	
<input type="checkbox"/>	CAFGP24 / Legalize Filling of Tidelands	\$1,000.00	
<input type="checkbox"/>	CAFGP25 / Construct Telecom Tower	\$1,000.00	
<input type="checkbox"/>	CAFGP26 / Tourism Indust. Construction	\$1,000.00	
<input type="checkbox"/>	CAFGP27 / Geotechnical Borings	\$1,000.00	
<input type="checkbox"/>	CAFGP29/Habitat Create/Restore/Enhance	No Fee	No Fee
<input type="checkbox"/>	CAFGP30 / 1 to 3 Turbines < 200 Feet	\$1,000.00	
<input type="checkbox"/>	CAFGP31 / Wind Turbines < 250 Feet	\$1,000.00	
<input type="checkbox"/>	Individual Permit Equivalency/CERCLA	No Fee	No Fee

	Waterfront Development	Fee Amount	Fee Paid
<input type="checkbox"/>	WDGP10 / New Bulkhead/Fill Lagoon < 75'	\$1,000.00	
<input type="checkbox"/>	WDGP14 / Reconstruct Bulkhead	\$1,000.00	
<input type="checkbox"/>	WDGP19/Dock/Piers/Boat Lifts Lagoon	\$1,000.00	
<input type="checkbox"/>	WDGP20 / Minor Maint Dredge Lagoon	\$1,000.00	
<input type="checkbox"/>	WDGP21 / Shoreline Stabilization	\$1,000.00	
<input type="checkbox"/>	WDGP32 / Dredge Lagoon (post storm event)	\$1,000.00	
<input type="checkbox"/>	WDGP33 / Dredge post Bulkhead Failure	\$1,000.00	
<input type="checkbox"/>	WDGP34 / Dredge Marina (post storm event)	\$1,000.00	
<input type="checkbox"/>	WDGP35 / Aquaculture Activities	\$1,000.00	
<input type="checkbox"/>	WDGP36/Placement of Shell (shellfish areas)	\$1,000.00	
<input type="checkbox"/>	Individual Permit/Upland		
<input checked="" type="checkbox"/>	Individual Permit/Inwater	\$30,000	\$30,000
<input type="checkbox"/>	Zane Letter	\$500.00	
<input type="checkbox"/>	Modification		
<input type="checkbox"/>	Individual Permit Equivalency/CERCLA	No Fee	No Fee

	Coastal/Tidal Wetlands	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal/Tidal Wetlands Permit		
<input type="checkbox"/>	Coastal Wetland Permit Modification		

	Applicability Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Highlands Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Flood Hazard Area Applicability	No Fee	No Fee
<input type="checkbox"/>	Executive Order 215	No Fee	No Fee

	Flood Hazard Area	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA Verification		
<input type="checkbox"/>	FHA Individual Permit		
<input type="checkbox"/>	FHA Hardship Exception (Stand Alone)	\$4,000.00	
<input type="checkbox"/>	FHAGP1 / Chan Clean w/o Sed Removal	No Fee	No Fee
<input type="checkbox"/>	FHAGP1 / Chan Clean w/Sed Removal	No Fee	No Fee
<input type="checkbox"/>	FHAGP2A / Ag - Bank Restoration	\$1,000.00	
<input type="checkbox"/>	FHAGP2B / Ag - Channel Cleaning	\$1,000.00	
<input type="checkbox"/>	FHAGP2C / Ag - Road Crossing	\$1,000.00	
<input type="checkbox"/>	FHAGP2D / Ag - Wetlands Restoration	\$1,000.00	
<input type="checkbox"/>	FHAGP2E / Ag - Livestock Ford	\$1,000.00	
<input type="checkbox"/>	FHAGP2F / Ag - Livestock Fence	\$1,000.00	
<input type="checkbox"/>	FHAGP2G / Ag - Livestock Water Intake	\$1,000.00	
<input type="checkbox"/>	FHAGP3 / Bridge/Culvert Scour Protection	\$1,000.00	
<input type="checkbox"/>	FHAGP4 / Stormwater Maintenance	\$1,000.00	
<input type="checkbox"/>	FHAGP5 / Building Relocation	\$1,000.00	
<input type="checkbox"/>	FHAGP6 / Rebuild Damaged Home	No Fee	No Fee
<input type="checkbox"/>	FHAGP7 / Residential in Tidal FHA	\$1,000.00	
<input type="checkbox"/>	FHAGP8 / Utility Crossing <50acres	\$1,000.00	
<input type="checkbox"/>	FHAGP9 / Road Crossing <50acres	\$1,000.00	
<input type="checkbox"/>	FHAGP10 / Stormwater Outfall <50acres	\$1,000.00	
<input type="checkbox"/>	Revision of a GP, IP or Verification		
<input type="checkbox"/>	Transfer of an Approval	No Fee	No Fee
<input type="checkbox"/>	FHA Indv. Permit Equivalency/CERCLA	No Fee	No Fee

	Stormwater Review Fees	Fee Amount	Fee Paid
<input type="checkbox"/>	Fee for all Stormwater Reviews		

	Consistency Determination	Fee Amount	Fee Paid
<input checked="" type="checkbox"/>	Water Quality Certificate		
<input checked="" type="checkbox"/>	Federal Consistency	No Fee	No Fee
<input type="checkbox"/>	HMC Water Quality Certificate		

	Highlands	Fee Amount	Fee Paid
<input type="checkbox"/>	Emergency Permit		
<input type="checkbox"/>	Pre-application Meeting	\$500.00	
<input type="checkbox"/>	Preservation Area Approval		
<input type="checkbox"/>	Resource Area Determination footprint		
<input type="checkbox"/>	Resource Area Determination <one acre	\$500.00	
<input type="checkbox"/>	Resource Area Determination >one acre		
<input type="checkbox"/>	HPAAGP 1/ Habitat Creation/Enhance	No Fee	No Fee
<input type="checkbox"/>	HPAAGP 2 Bank Stabilization	\$500.00	
<input type="checkbox"/>	PAA with Waiver (Specify type below)		

Freshwater Wetlands			Fee Amou	02/24/2015	Freshwater Wetlands			Fee Amount	Fee Paid
<input type="checkbox"/>	FWGP1 / Main. & repair Exist Feature		\$1,000.00		<input type="checkbox"/>	Individual Wetlands Permit			
<input type="checkbox"/>	FWGP2 / Utility Crossing		\$1,000.00		<input type="checkbox"/>	Individual Open Water Permit			
<input type="checkbox"/>	FWGP3 / Discharge of Return Water		\$1,000.00		<input type="checkbox"/>	Individual Water Quality Certificate			
<input type="checkbox"/>	FWGP4 / Hazard Site Invest/Cleanup		\$1,000.00		<input type="checkbox"/>	Individual Permit Mod. Major/Minor			
<input type="checkbox"/>	FWGP5 / Landfill Closure		\$1,000.00		<input type="checkbox"/>	Individual Permit Extension			
<input type="checkbox"/>	FWGP6 / Filling of NSWC		\$1,000.00		<input type="checkbox"/>	Wetlands Exemption	\$500.00		
<input type="checkbox"/>	FWGP6A /TA- Filling of NSWC		\$1,000.00		<input type="checkbox"/>	Permit Equivalency/CERCLA	No Fee	No Fee	
<input type="checkbox"/>	FWGP7 / Fill ditch / swale		\$1,000.00						
<input type="checkbox"/>	FWGP8 / House Addition		\$1,000.00						
<input type="checkbox"/>	FWGP9 / Airport Sightline Clearing		\$1,000.00						
<input type="checkbox"/>	FWGP10A / Very Minor Road Crossing		\$1,000.00						
<input type="checkbox"/>	FWGP10B / Minor Road Crossing		\$1,000.00						
<input type="checkbox"/>	FWGP11 / Outfalls / Intakes		\$1,000.00						
<input type="checkbox"/>	FWGP12 / Survey / Investigation		\$1,000.00						
<input type="checkbox"/>	FWGP13 / Lake Dredging		\$1,000.00						
<input type="checkbox"/>	FWGP14 / Water Monitoring		\$1,000.00						
<input type="checkbox"/>	FWGP15 / Mosquito Control		\$1,000.00						
<input type="checkbox"/>	FWGP16 / Habitat Create / Enhance		No Fee	No Fee					
<input type="checkbox"/>	FWGP17 / Trails / Boardwalks								
<input type="checkbox"/>	FWGP17A / Multiuse paths		\$1,000.00						
<input type="checkbox"/>	FWGP18 / Dam Repairs		\$1,000.00						
<input type="checkbox"/>	FWGP19 / Dock or Pier		\$1,000.00						
<input type="checkbox"/>	FWGP20 / Bank Stabilization		\$1,000.00						
<input type="checkbox"/>	FWGP21 / Above Ground Utility		\$1,000.00						
<input type="checkbox"/>	FWGP23 / Expand Cranberry		\$1,000.00						
<input type="checkbox"/>	FWGP24 / Spring Developments		\$1,000.00						
<input type="checkbox"/>	FWGP25 / Malfunction Septic System		No Fee	No Fee					
<input type="checkbox"/>	FWGP26 / Channel / Stream Clean		\$1,000.00						
<input type="checkbox"/>	FWGP27 / Redevelop Disturbed Site		\$1,000.00						
<input type="checkbox"/>	FWGP Modification		\$500.00						
<input type="checkbox"/>	FWGP Extension		\$500.00						

Transition Area Waiver		
<input type="checkbox"/>	Averaging Plan	
<input type="checkbox"/>	Reduction	
<input type="checkbox"/>	Hardship Reduction	
<input type="checkbox"/>	Special Activity Stormwater	
<input type="checkbox"/>	Special Activity Linear Development	
<input type="checkbox"/>	Special Activity Redevelopment	
<input type="checkbox"/>	Special Activity Individual Permit	
<input type="checkbox"/>	Exemption	\$500.00
<input type="checkbox"/>	Modification Major/Minor	
<input type="checkbox"/>	Extension	\$500.00

Letter of Interpretation		
<input type="checkbox"/>	Presence Absence	\$1,000.00
<input type="checkbox"/>	Presence Absence Footprint	\$1,000.00
<input type="checkbox"/>	Delineation < 1.00 Acres	\$1,000.00
<input type="checkbox"/>	Verification	
<input type="checkbox"/>	Extension	

Please note:

If no fee amount is specified in the "Fee Amount" column, please refer to the Regulatory Fee Schedule which can be found at www.nj.gov/dep/landuse/forms.html. The following types of applications DO NOT require a fee submittal:

CAFRA

- General Permit # 29 - Habitat creation, restoration, enhancement and living shoreline activities
- Individual Permit Equivalency - CERCLA

Applicability Determinations

- Coastal Jurisdictional Determination
- Highlands Jurisdictional Determination
- Flood Hazard Area Applicability
- Executive Order 215

Flood Hazard Area

- General Permit #1 - Channel cleaning under the Stream Cleaning Act without Sediment Removal
- General Permit #1 - Channel cleaning under the Stream Cleaning Act with Sediment Removal
- General Permit #6 - Reconstruction of a damaged or destroyed residence
- Transfer of Approval
- Individual Permit Equivalency - CERCLA

Federal Consistency

- Federal Consistency Determination

Highlands

- General Permit #1 - Habitat Creation, Restoration, Enhancement

Freshwater Wetlands

- General Permit #16 - Habitat creation and enhancement activities
- General Permit #17 - Trails and Boardwalks (NO FEE when the activity is proposed on publicly owned lands)
- General Permit #25 - Malfunctioning individual subsurface sewage disposal (septic) systems
- Individual Permit Equivalency - CERCLA

Also:

In addition to the standard paper submission, an electronic copy of the entire application, including plans, may be submitted on CD-ROM to assist the Department in the review this application. Plans should be submitted as a CAD file or Shapefile, georeferenced in NJ state plane feet NAD83. Please do NOT send the electronic version via E-Mail.

Electronic permitting and/or application submittal is available for specific applications. Please see the Division website at www.nj.gov/dep/landuse/epemit.html for more information.

APPLICANT NAME: _____, TELE # (if known): _____

DLUR APPENDIX I

Section 1: Please provide the following information for the overall project site. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres).

<u>PROPOSED:</u>	<u>PRESERVED</u>	<u>UNDISTURBED</u>	<u>DISTURBED</u>
RIPARIAN ZONE	_____	_____	_____
CAFRA FORESTED (CAFRA IP – Only)	_____	_____	_____
E & T HABITAT Endangered and/or Threatened	_____	_____	_____
FRESHWATER WETLANDS	_____	_____	_____

Section 2: Please provide the following information for each permit/authorization requested pursuant to the Freshwater Wetlands Protection Act. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres). Use additional sheets if necessary

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>	
<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>	
<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

COPY

02/24/2015

Appendix II - Fee Calculation Sheet

Directions:

The Fee Calculation sheet is broken down by the types of programs administered by the Division of Land Use Regulation: Coastal, Flood Hazard Area, Freshwater Wetlands, Stormwater Review.

Use the abbreviation key below in order to identify the type(s) of applications that you need to submit for your project. Once you find your application type(s) work through the **calculation column** and place the figure on the **fee amount** line. Do this for each application type and subtotal each section. In section 5 – enter the subtotals as indicated and add the fee figures to find your total fee.

- Whenever the calculation requires an acreage figure, you will need to round UP to the nearest whole number, for example: 0.25 acres gets rounded up to one (1) acre or 2.61 acres gets rounded up to three (3) acres.
- No matter how many types of applications are required, the stormwater review fee is applied only one time.

Abbreviation KEY

CAFRA = CAF	General Permit = GP	Single Family Home = SFH
Coastal (Tidal) Wetlands = CSW	Individual Permit = IP	Transition Area Waiver = TAW
Extension = EXT	Letter of Interpretation = LOI	Verification = VER
Flood Hazard Area = FHA	Mean High Water Line = MHWL	Waterfront Development = WD
Freshwater Wetlands = FWW	Modification = MOD	Water Quality Certificate = WQC

Section 1 - Coastal Application Type

Calculation

Fee Amount

All General Permits (Except those listed in notes on Page 4)	$\$1,000 \times \text{ ______ } \# \text{ of GPs requested} = \text{Fee}$	
CAF – IP SFH or Duplex	$\$2,000$	
CAF – IP Residential other than SFH/duplex	$\$3,000 \times \text{ ______ } \# \text{ of units} = \text{Fee}$	
CAF – IP Commercial, Industrial or Public	$\$3,000 \times \text{ ______ } \text{ acres of the site} = \text{Fee}$	
CSW – IP SFH or Duplex	$\$2,000$	
CSW – IP All Development other than SFH/duplex	$\$3,000 \times \text{ ______ } \text{ acres of wetlands disturbed} = \text{Fee}$	
WD - IP SFH or Duplex (Landward of MHWL)	$\$2,000$	
WD – IP Residential other than SFH/duplex (Landward of MHWL)	$\$3,000 \times \text{ ______ } \# \text{ of units} = \text{Fee}$	
WD – IP Commercial, Industrial or Public	$\$3,000 \times \text{ 115 } \text{ acres of the site} = \text{Fee}$	\$345,000
WD - IP SFH or Duplex (Waterward of MHWL)	$\$2,000$	
WD – IP All Development other than SFH/duplex (Waterward of MHWL)	$\$3,000 \times \text{ ______ } \text{ acres of water area disturbed} = \text{Fee}$	
CAF, CSW, WD – IP Minor Modification	$\$500 \times \text{ ______ } \# \text{ of items to be revised} = \text{Fee}$	
CAF, CSW, WD – IP Major Modification	$0.30 \times \text{ ______ } \text{ original fee} = \text{Fee (Minimum \$500)}$	

Subtotal for Coastal Applications

Section 2 - Freshwater Wetlands Application Type

Calculation

Fee Amount

All General Permits (Except those listed in notes on Page 4)	$\$1,000 \times \text{ ______ } \# \text{ of GPs requested}$	
FWW – LOI Presence/Absence, Footprint, Delineation < 1 acre	$\$1,000$	
FWW – LOI Line Verification	$\$1,000 + (\$100 \times \text{ ______ } \# \text{ of acres of the site})$	
FWW – TAW with valid LOI	$\$1,000 + (\$100 \times \text{ ______ } \# \text{ acres FWW disturbed})$	
FWW – TAW without valid LOI	$\$1000 + (\$100 \times \text{ ______ } \text{ acres TAW disturbed}) + \text{ LOI Fee}$	
FWW – IP or Open Water Fill SFH or Duplex	$\$2,000$	
FWW – IP or Open Water Fill other than SFH or Duplex	$\$5,000 + (\$2,500 \times \text{ ______ } \# \text{ acres FWW disturbed})$	
FWW – GP, TAW, IP, Open Water Fill Minor Modification	$\$500 \times \text{ ______ } \# \text{ of items to be revised}$	
FWW – GP, TAW, IP, Open Water Fill Major Modification	$0.30 \times \text{ ______ } \text{ original fee} = \text{Fee (Minimum \$500)}$	
FWW – EXT LOI Presence/Absence, Footprint, Delineation < 1 acre	$\$500$	
FWW – EXT LOI Line Verification	$0.50 \times \text{ ______ } \text{ original fee} = \text{Fee (Minimum \$500)}$	
FWW – EXT GP or TAW	$\$500 \times \text{ ______ } \# \text{ of items to be extended}$	
FWW – EXT IP or Open Water Fill	$0.50 \times \text{ ______ } \text{ original fee} = \text{Fee (Minimum \$500)}$	

Subtotal for Freshwater Wetlands Applications

Appendix II - Fee Calculation Sheet - Continued

<u>Section 3 - Flood Hazard Area Application Type</u>	<u>Calculation</u>	<u>Fee Amount</u>
All General Permits (Except those listed in notes 1 on Page 4)	\$1,000 x _____ # of GPs requested=Fee	_____
FHA – VER Methods 1, 2, 3, 5 (Fee not applicable to one (1) SFH)	\$1,000	_____
FHA – VER Method 4	\$4,000 + (\$400 x _____ per 100 linear feet) = Fee	_____
FHA – VER Method 6	\$4,000 + (\$400 x _____ per 100 linear feet) = Fee	_____
FHA – IP SFH	\$2,000	_____
FHA – IP * Fee not applicable to one (1) SFH	\$3,000 base	_____
*Bank/Channel (stabilization, reestablishment, etc.) No Calculation Review --	+ \$1,000	_____
*Bank/Channel (stabilization, reestablishment, etc.) With Calculation Review-	+ (\$4,000 + (\$400 x _____ per 100 linear ft.))	_____
*Bridge, Culvert, Footbridge, Low Dam, etc. No Calculation Review--	+ \$1,000 x _____ # of structures	_____
*Bridge, Culvert, Footbridge, Low Dam, etc. With Calculation Review-	+ \$4,000 x _____ # of structures	_____
*Review of Flood Storage Displacement (net fill) Calculations-----	+ \$4,000	_____
Review of Hardship Exception Request-----	+ \$4,000	_____
*Utility Line-----	+ \$1,000 x _____ # of water crossings	_____
FHA – VER, IP, GP Minor Revision	\$500 x _____ # of items to be revised = Fee	_____
FHA – VER, IP, GP Major Revision	0.30 x _____ original fee = Fee (Minimum \$500)	_____
FHA – Department Delineation Minor Revision	\$500	_____
FHA – Department Delineation Major Revision	\$4,000 + (\$400 x _____ per 100 linear feet) = Fee	_____
Subtotal for Flood Hazard Area Applications		_____

<u>Section 4 – Individual Water Quality Certificate</u>	<u>Calculation</u>	<u>Fee Amount</u>
WQC	\$5,000 x (\$2,500 x _____ # acres regulated area disturbed)	_____

<u>Section 5 - Additional Stormwater Review Fee</u>	<u>Calculation</u>	<u>Fee Amount</u>
Stormwater Review	\$3,000 base	_____
Review of Groundwater Recharge Calculations-----	+ \$250 x _____ # acres disturbed	_____
Review of Runoff Quantity Calculations-----	+ \$250 x _____ # acres disturbed	_____
Review of Water Quality Calculations-----	+ \$250 x _____ # acres disturbed	_____
Fee if project disturbs vegetation within SWRPA-----	+ \$2,000	_____
Subtotal of Stormwater Review Fee		_____

<u>Section 6 – Total of Application Fees</u>	
Subtotal of Section 1 - Coastal Applications	\$345,000
Subtotal of Section 2 - Freshwater Wetlands Applications	_____
Subtotal of Section 3 - Flood Hazard Area Applications	_____
Subtotal of Section 4 – Individual Water Quality Certificate	_____
Subtotal of Section 5 - Additional Stormwater Review	_____

Total Application Fee \$345,000 **MAX \$30,000**

Total Fee: \$30,000

Check #: _____

Instructions for completing the DLUR Form

(Please print clearly or type all information in every section)

Section 1.

Applicant Information

- ✓ Please check off whether the project is Superstorm Sandy related.
- ✓ Make sure all applicant information is correct and up to date.
- ✓ Do not provide telephone numbers with call intercept.
- ✓ Must include correct E-mail address.

Section 2.

Agent Information

- ✓ Make sure all agent information is correct and up to date.
- ✓ Do not provide telephone numbers with call intercept.
- ✓ If you do not have an agent, leave this section blank.
- ✓ Must include correct E-mail address.

Section 3.

Property Owner Information

- ✓ Identify the property owner if different from applicant.

Section 4.

Project Site Information/Fees and Costs

- ✓ List the street address if known along with the correct zip code for the property.
- ✓ List all blocks and lots if more space is needed please attach a list to the LURP2 form.
- ✓ Make sure the state plane coordinates are given and that they are 1983 datum otherwise the application will be rejected.
 - Applicants can find state plane coordinates on USGS maps or by going to the NJDEP website and using the IMAP feature to find the location of property and the exact state plane coordinates
- ✓ Make sure to list total fees paid and check number(s) of the fee. Also list the estimated cost for the project in the regulated area if applying for a coastal permit or the total cost of the project if applying for any non-coastal permit or waiver. A separate fee breakdown sheet must be attached to the DLUR form detailing the breakdown of all fees paid.

Section 5.

Project Description

- ✓ Briefly describe what you are proposing to construct within regulated areas. In addition, list any previous LUR file number(s) and if a Waiver Request has been submitted to the Office of Permit Coordination and Environmental Review please list the Waiver Request ID number(s) on the line provided.

Section A.

Applicant's Signature

- ✓ The person or corporate officer applying for this permit and to whom the permit will be issued must sign here.

Section B.

Property Owner's Signature

- ✓ The legal owner of the property on which the regulated activities are proposed must sign here and certify items one through four in this section.

Section C.

Applicant's Agent Authorization

- ✓ If the applicant is represented by a consultant or engineer, that individual shall fill out this section.

Section D.

Statement of the Preparer of Plans

- ✓ For all Stream Encroachment (Flood Hazard Area), and Waterfront applications require that the person preparing the plans and reports fill out this section

Section E.

Statement of the Preparer of Application, Reports and Supporting Documents

- ✓ Anyone who prepares and is the responsible person for part of the application, reports or supporting documents must fill out this section

Section F.

Type of Application you are submitting

- ✓ Place a check mark next to each type of activity you are requesting in this application package. Please fill in the amount of fee required for each permit and the amount of fees paid for each permit. The fee paid may be different from the amount required for each permit since the amount required may differ due to the three payment plan for fees in excess of \$1,000. A Fee Calculation is now included to allow an applicant to determine the fee for applications where the fee will vary due to size of site, impacts, etc.

COPY

02/24/2015

BOROUGH OF STONE HARBOR • 95TH & SECOND AVENUE • STONE HARBOR, N.J. 08247

No. 038635

REFERENCE/DESCRIPTION

NET AMOUNT

Vendor: TREASUR9 TREASURER, STATE OF NEW JERSEY
PO: 15-00254 DESC: Dredging Permit Application

30,000.00

Check Date: 02/18/15 Check Amount: \$*****30,000.00

"The Seashore at its Best"

DETACH BEFORE DEPOSITING

THIS DOCUMENT HAS A COLORED BACKGROUND AND FLUORESCENT FIBERS • SEE ADDITIONAL SECURITY FEATURES ON REVERSE SIDE • MISSING A FEATURE INDICATES A COPY



BOROUGH OF STONE HARBOR

9508 SECOND AVENUE
STONE HARBOR, N.J. 08247

DISBURSEMENT ACCOUNT

DATE

02/18/15

STURDY SAVINGS BANK
STONE HARBOR, N.J.

55-7128
2312

CHECK NO.

38635

No. 038635

AMOUNT

\$*****30,000.00

Thirty Thousand AND 00/100 Dollars

TO THE
ORDER
OF

TREASURER, STATE OF NEW JERSEY

Signature of Mayor
Signature of Clerk
Signature of Treasurer

MAYOR MP
CLERK MP
TREASURER MP

⑈038635⑈ ⑆231271284⑆ 980 003926 6⑈

S102-04
MGL PRINTING SOLUTIONS, (908) 665-1999

2 Project Description

The Applicant, Borough of Stone Harbor, is seeking a Waterfront Development Permit to authorize routine maintenance dredging within the Borough of Stone Harbor. These areas were previously dredged in 2003 under NJDEP Permit No. 0510-99-00012.1.

Proposed dredge areas include the North Basin, South Basin, Snug Harbor, Shelter Haven, Stone Harbor, Pleasure Bay, Carnival Bay, Sanctuary Bay, Paradise Bay, Stone Harbor Hole, and access channel along the lagoons, and slips along the waterways. The permit depth for all waters is six (6) feet below Mean Low Lower Water (MLLW) plus two (2) feet of allowable overdepth. The location, area, and proposed depths for each dredge area are identified in the enclosed permit drawing set.

The current dredging demand based on a recent hydrographic survey is 179,000 cubic yards. Following an initial dredging event, Stone Harbor may seek to conduct periodic maintenance dredging events throughout the duration of the permit. The following table is a summary of the estimated initial dredging volume, future dredging volume, and the total requested (projected) permit volume. The intent of providing this information is to project a reasonable approximation of total dredging volume that could be anticipated during the permit authorization period.

Table 1 - Stone Harbor Dredging Permit Volume Summary

Dredge Area	Initial Dredging Volume [cy]	Anticipated Future Dredging Volume [cy]	Total Permit Volume [cy]
North Basin	26,400	13,000	39,400
South Basin	16,000	7,500	23,500
Snug Harbor	19,800	9,500	29,300
Shelter Haven	22,000	10,000	32,000
Stone Harbor	9,900	5,000	14,900
Pleasure Bay	13,800	6,000	19,800
Carnival Bay	17,600	8,500	26,100
Sanctuary Bay	16,500	8,000	24,500
Paradise Bay	11,000	5,000	16,000
Stone Harbor Hole	15,000	7,500	22,500
Access Channel	11,000	5,000	16,000
TOTAL	179,000	85,000	264,000

Proposed dredging methodologies includes a combination of hydraulic and mechanical dredging. Hydraulic dredging will be used to dredge the open water areas and where practicable the slip areas. Where hydraulic dredging is not practicable around the slip areas, the dredged material will be mechanically relocated to adjacent dredge areas that have access for hydraulic dredging.

All dredged material will be hydraulically transported to the Stone Harbor Marina, located adjacent to the North Basin, for dewatering. A submerged pipeline and booster pump, if needed, will be used to transport the hydraulically dredged material. The pipeline will be located along the east side of the great channel. The approximate distance between the dredge areas and the dewatering area is 2 miles.

The dewatering area consists of a paved parking lot and gravel parking lot. The dredged material will be mechanically dewatered either via geotextile tubes or a belt filter press. The material will be dewatered so that the dredged material is suitable for road transportation and that the effluent water meets water quality standards. Existing stormwater drains will be utilized to return the effluent water to the surface waters. To prevent sediment discharges to the surrounding waters, these drains will be protected

by soil erosion and sediment control features to be approved by the Cape May County Soil Conservation District.

After dewatering, the dredge material will then be transported and placed at an upland location approved to receive amended dredged material. Two facilities have been identified for dredged material placement. The Cape Mining and Recycling facility located in Lower Township, NJ will accept dredged material that meets the Residential Soil Cleanup Criteria. The Kinsley Landfill located in Sewell, NJ will accept dredged material that does not meet the Residential Soil Cleanup Criteria. The pending sediment testing results and letters of material acceptance from upland placement facilities will be provided to NJDEP prior to dredging activities.

Prior to subsequent maintenance dredging events, the dredged material will be characterized under procedures of the approved Sampling and Analysis Plan. Testing results and letters of material acceptance from upland placement facilities will be provided to NJDEP prior to dredging activities.

Dredging will require the removal of accumulated bottom sediments which may contain some debris typically encountered during dredging. The debris will be separated from the sediment and appropriately disposed of at approved facilities by the dredging contractor.

3 Site Photos

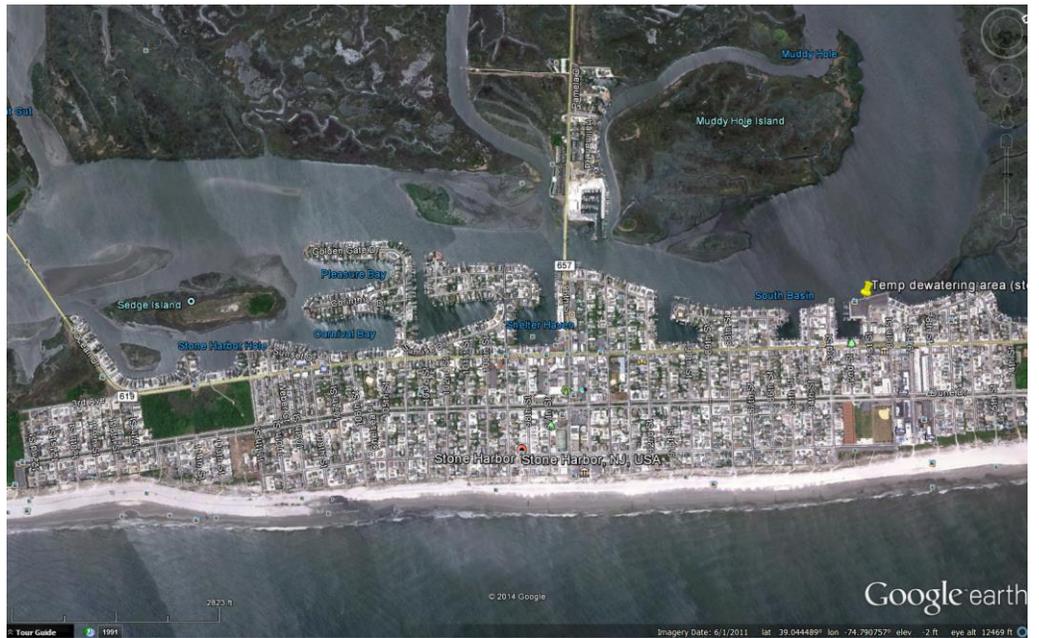


Figure 1: Aerial Photo of Stone Harbor (Photo Courtesy Google Earth).

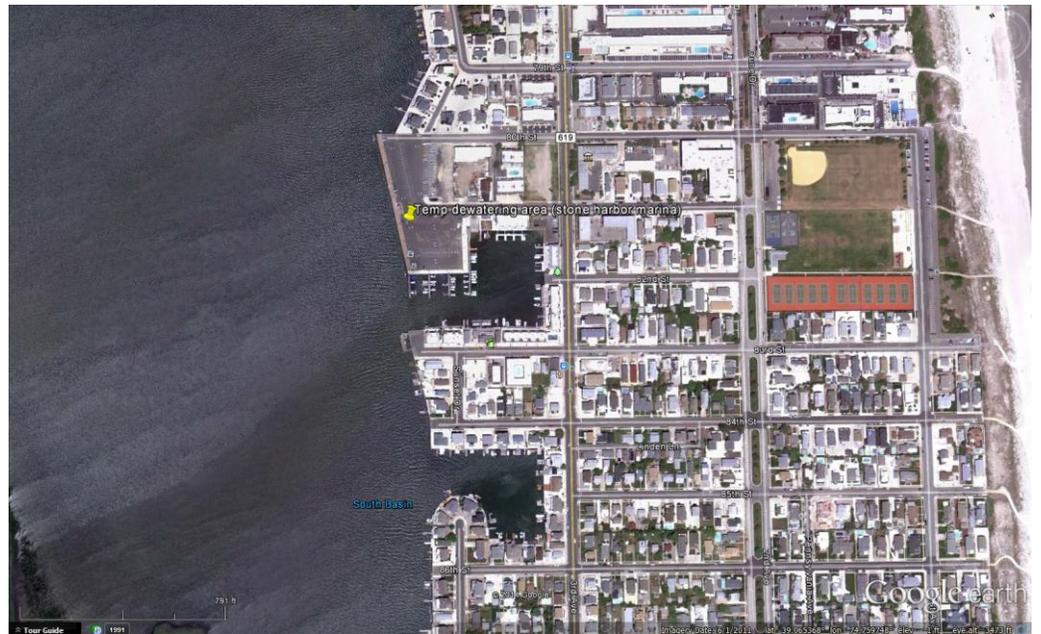


Figure 2: Aerial Photo of The North and South Basins. Note temporary dewatering area located adjacent to North Basin (Photo Courtesy Google Earth).



Figure 3: Aerial Photo of Snug Harbor (Photo Courtesy Google Earth).



Figure 4: Aerial Photo Shelter Haven and Stone Harbor (Photo Courtesy Google Earth).



Figure 5: Aerial Photo of Carnival Bay and Pleasure Bay (Photo Courtesy Google Earth).



Figure 6: Aerial Photo of Stone Harbor Hole and Paradise Bay (Photo Courtesy Google Earth).

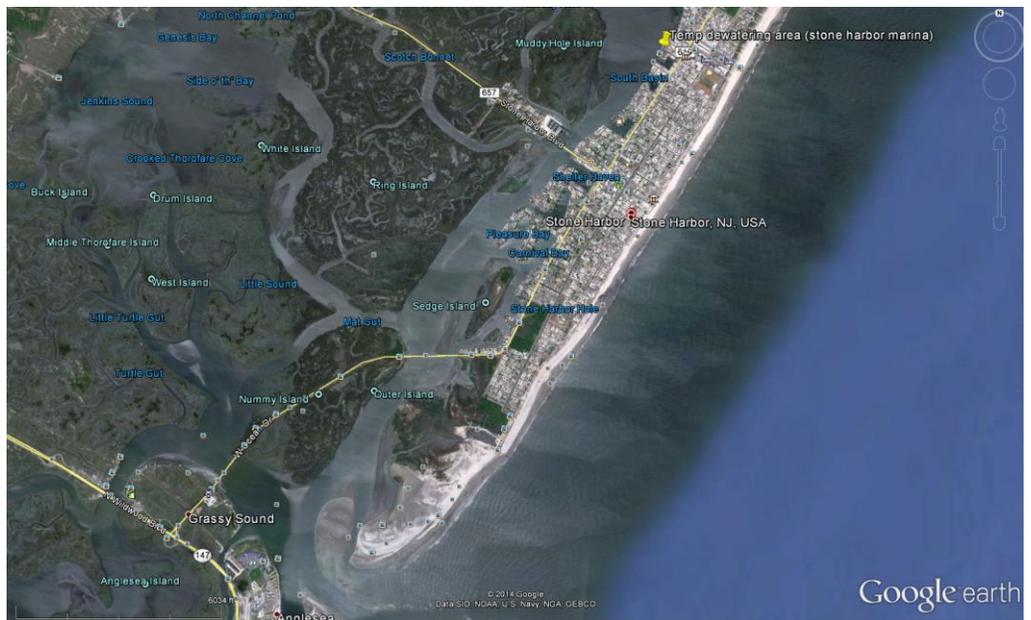
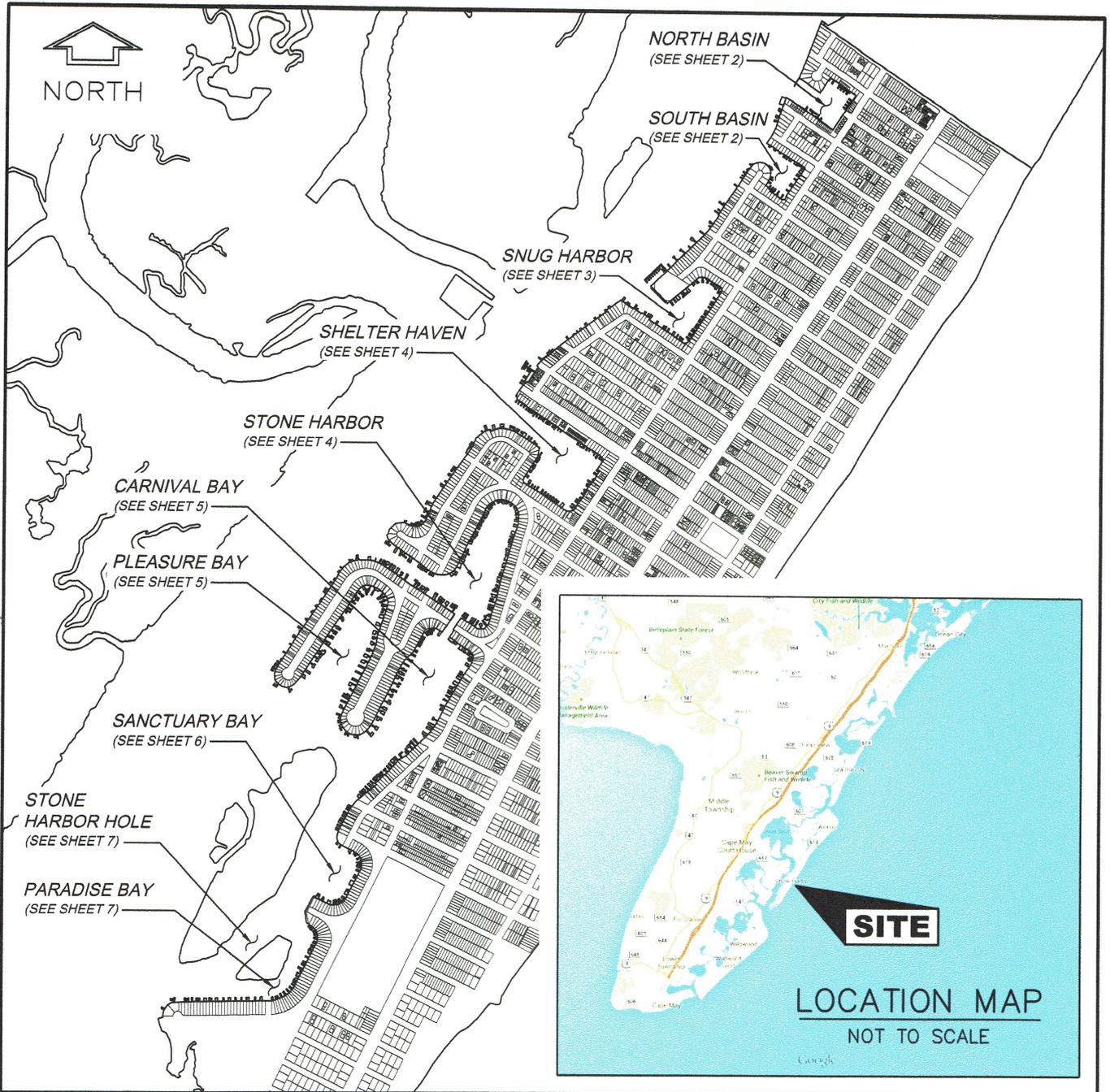


Figure 7: Aerial Photo of Stone Harbor and entrance to Atlantic Ocean (Photo Courtesy Google Earth).

4 Permit Drawings



VICINITY MAP

0 2000 4000 FT.



SCALE 1"=2000'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

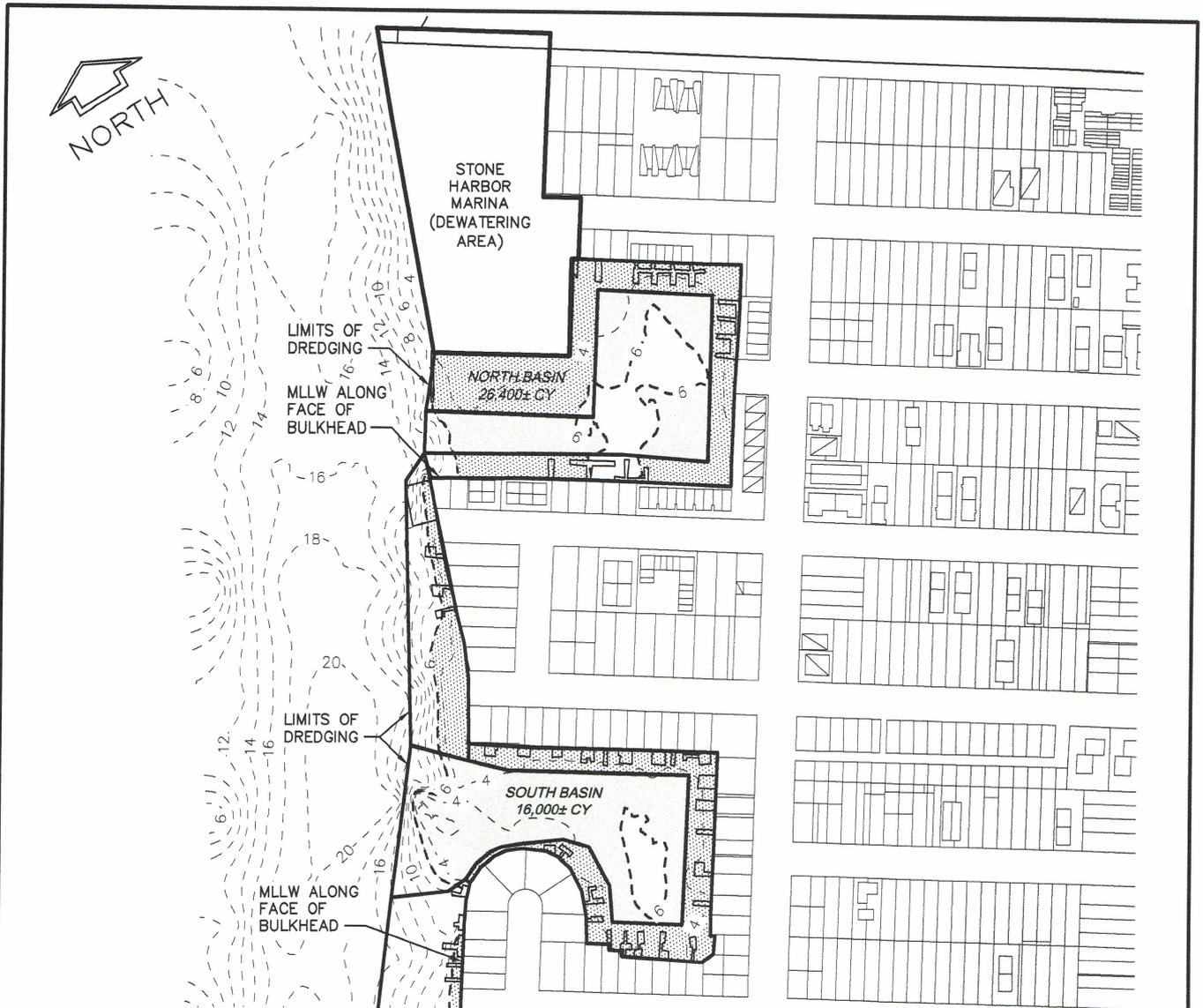
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 1 OF 9



LEGEND:

-  STONE HARBOR DREDGE AREA
(DREDGE TO 6 FT MLLW PLUS 2 FT OD)
-  SLIP DREDGE AREA
(DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

NORTH BASIN & SOUTH BASIN

0 300 600 FT.



SCALE 1"=300'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

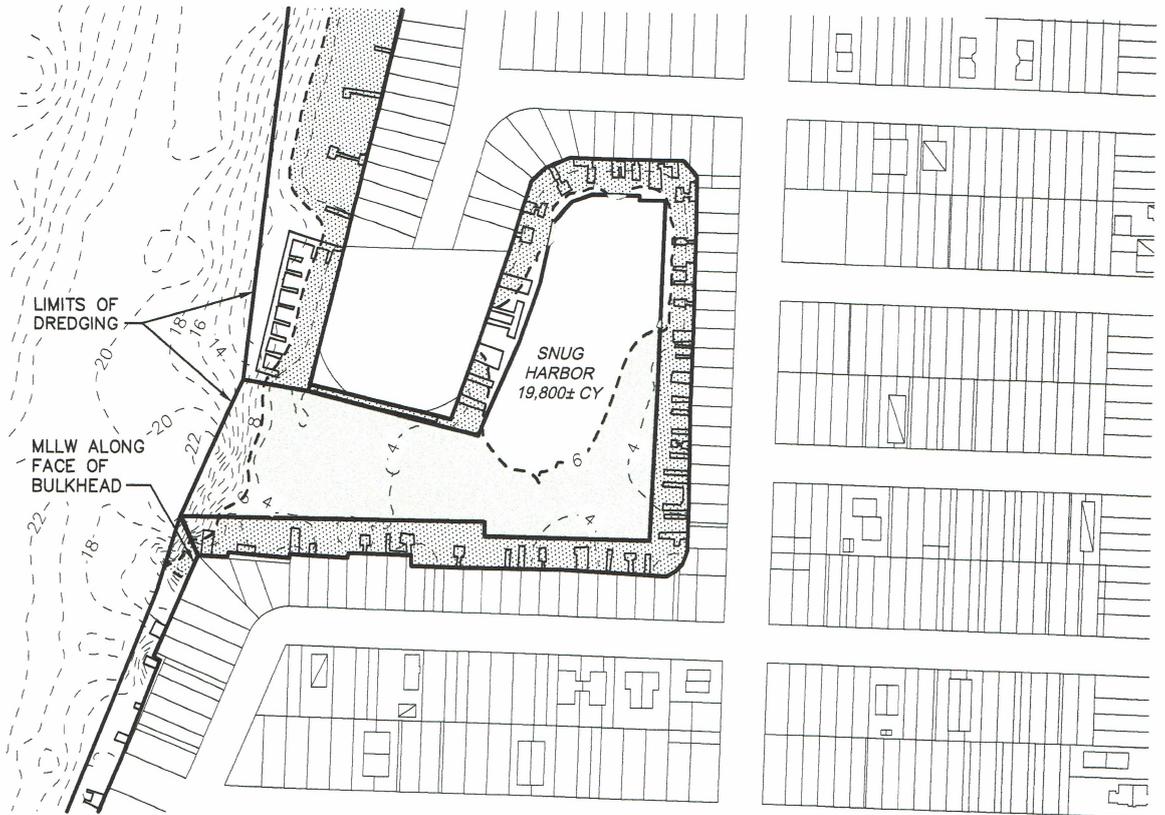
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 2 OF 9



LEGEND:

-  STONE HARBOR DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)
-  SLIP DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

SNUG HARBOR

0 300 600 FT.



SCALE 1"=300'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

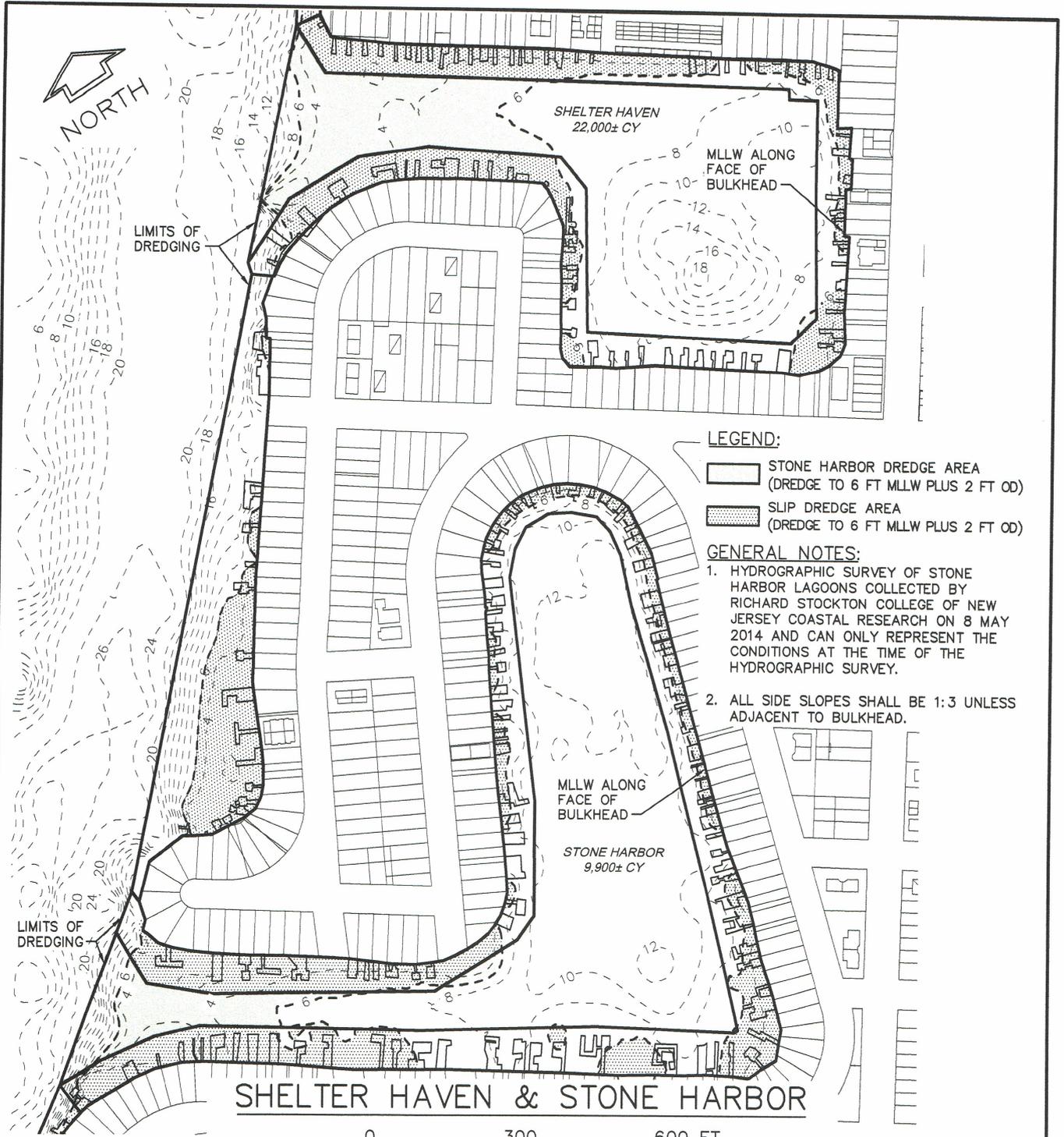
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 3 OF 9



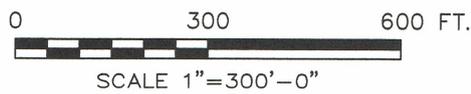
LEGEND:

- STONE HARBOR DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)
- SLIP DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

SHelter HAVEN & STONE HARBOR



FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

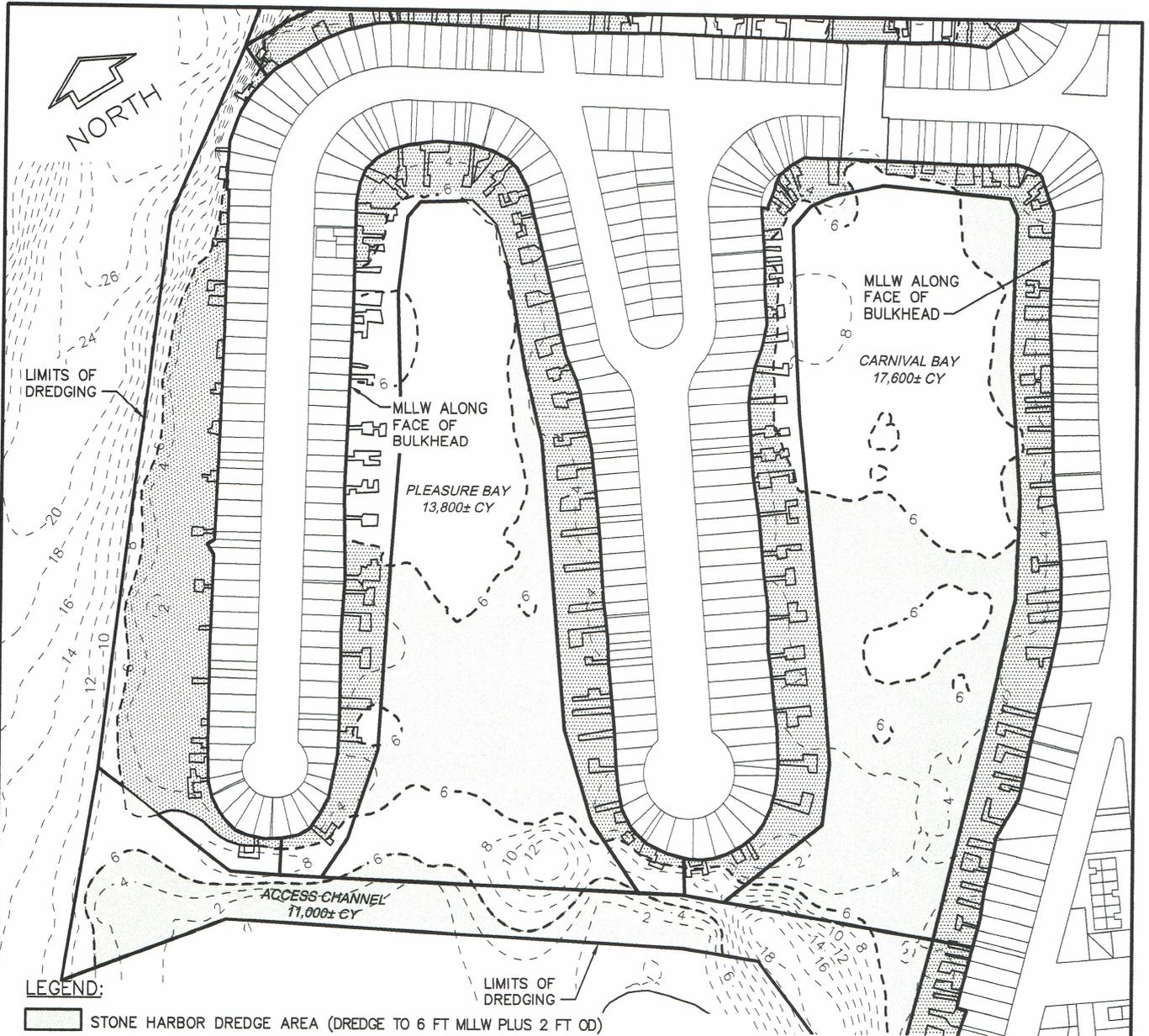
PURPOSE: MAINTENANCE DREDGING
DATUM: M.L.L.W.
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

DATE: 1/29/15

SHEET 4 OF 9



LEGEND:

- STONE HARBOR DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)
- SLIP DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

PLEASURE BAY, CARNIVAL BAY, & ACCESS CHANNEL

0 300 600 FT.



SCALE 1"=300'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

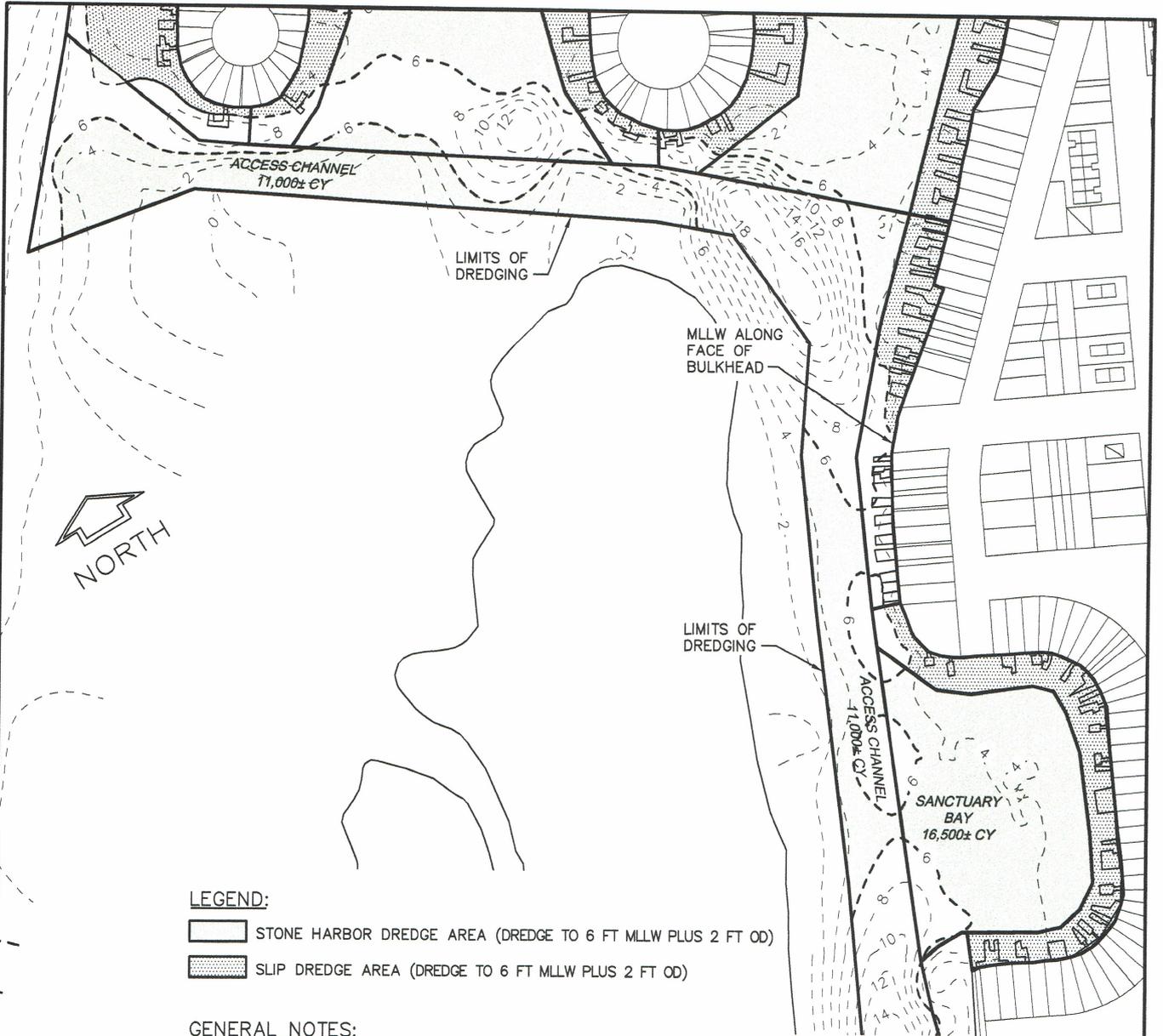
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 5 OF 9



LEGEND:

-  STONE HARBOR DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)
-  SLIP DREDGE AREA (DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

SANCTUARY BAY & ACCESS CHANNEL

0 300 600 FT.



SCALE 1"=300'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

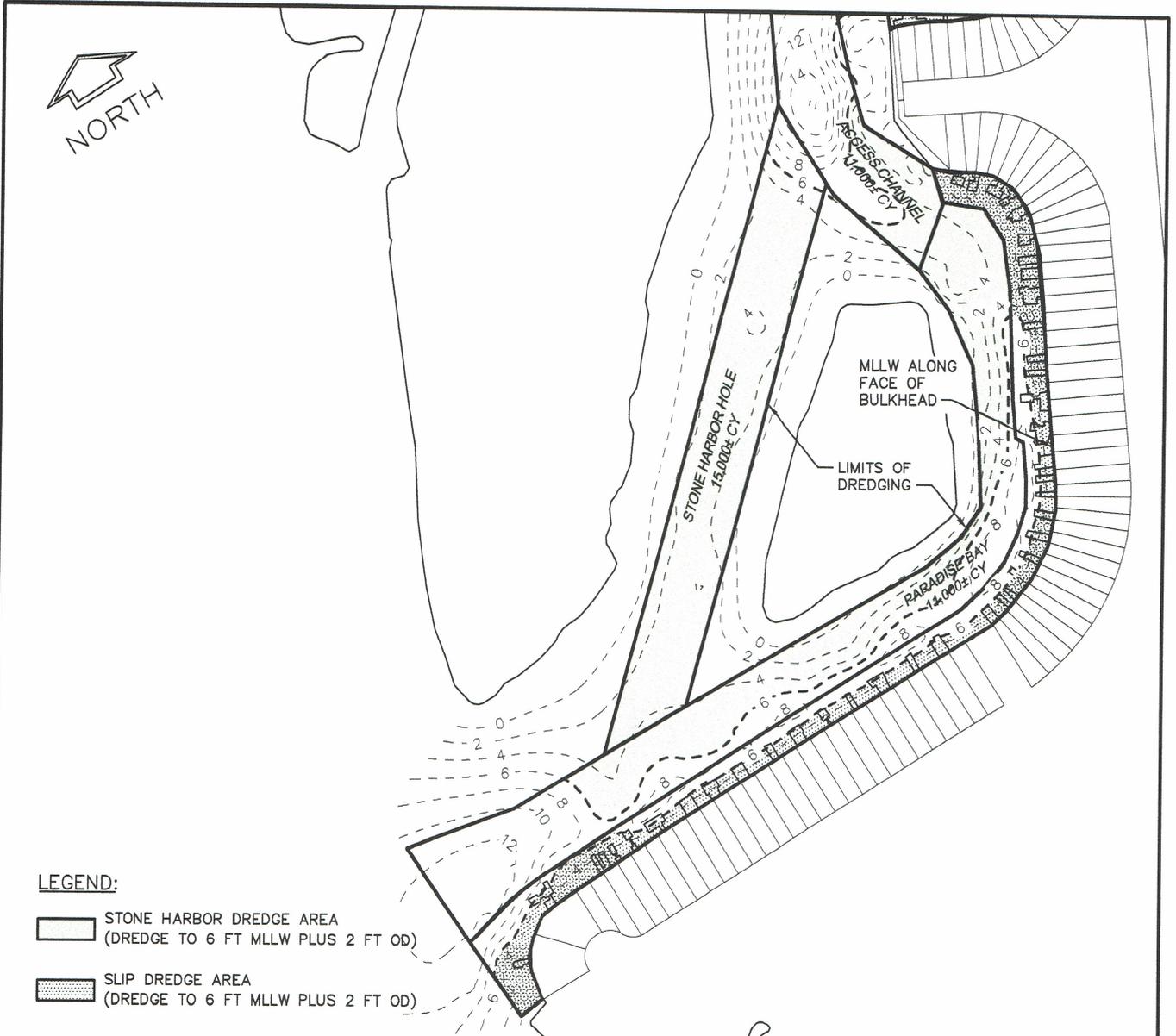
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
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COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 6 OF 9



LEGEND:

-  STONE HARBOR DREDGE AREA
(DREDGE TO 6 FT MLLW PLUS 2 FT OD)
-  SLIP DREDGE AREA
(DREDGE TO 6 FT MLLW PLUS 2 FT OD)

GENERAL NOTES:

1. HYDROGRAPHIC SURVEY OF STONE HARBOR LAGOONS COLLECTED BY RICHARD STOCKTON COLLEGE OF NEW JERSEY COASTAL RESEARCH ON 8 MAY 2014 AND CAN ONLY REPRESENT THE CONDITIONS AT THE TIME OF THE HYDROGRAPHIC SURVEY.
2. ALL SIDE SLOPES SHALL BE 1:3 UNLESS ADJACENT TO BULKHEAD.

PARADISE BAY, STONE HARBOR HOLE, & ACCESS CHANNEL

0 300 600 FT.



SCALE 1"=300'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

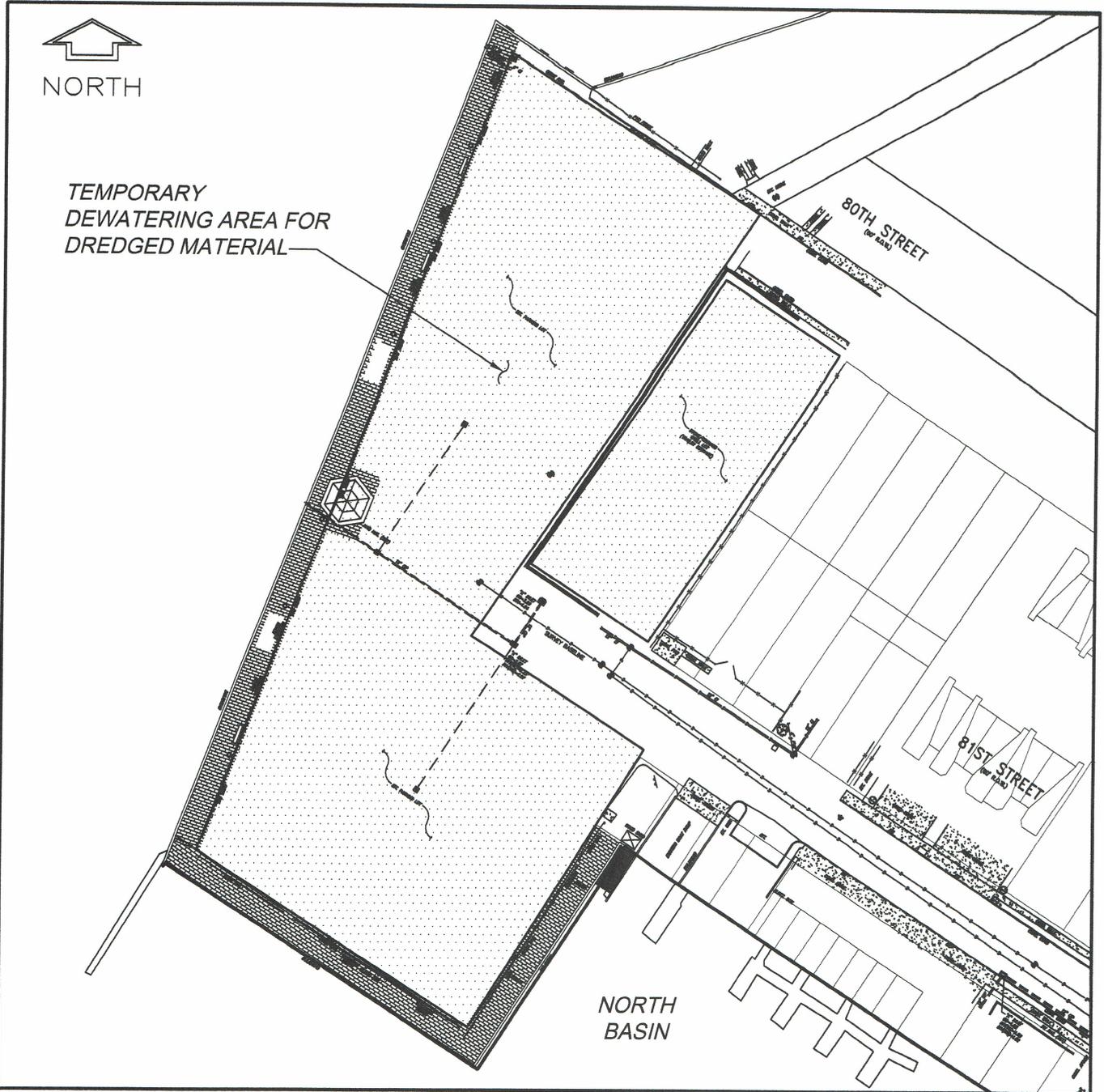
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 7 OF 9



TEMPORARY DEWATERING AREA

0 100 200 FT.



SCALE 1"=100'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

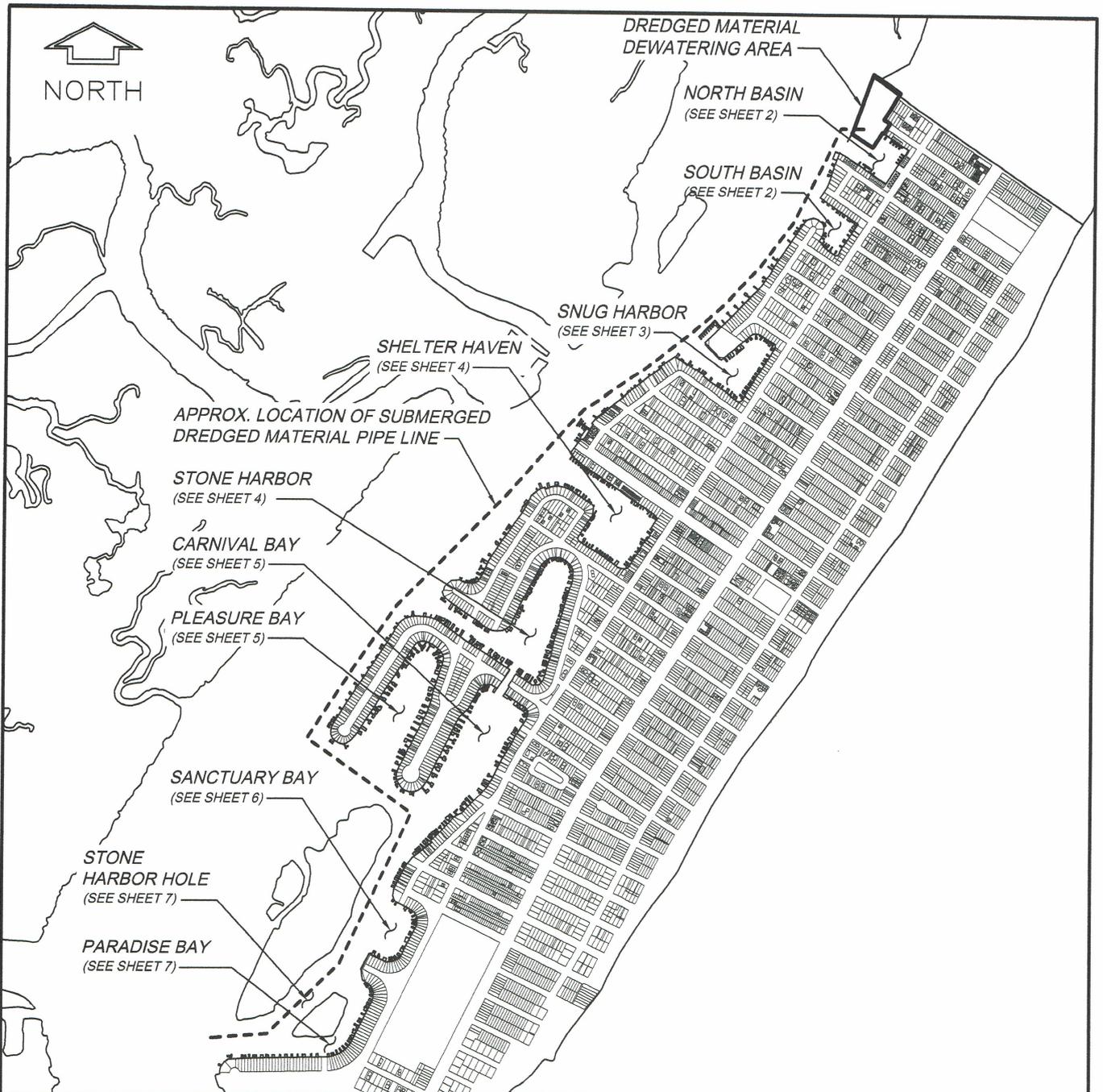
ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
AT STONE HARBOR LAGOONS
ALONG THE GREAT CHANNEL WATERWAY
COUNTY OF CAPE MAY
STATE OF NEW JERSEY
APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 8 OF 9



SUBMERGED PIPELINE LOCATION

0 2000 4000 FT.



SCALE 1"=2000'-0"

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: MAINTENANCE DREDGING

DATUM: M.L.L.W.

ADJACENT PROPERTY OWNERS:
SEE APPLICATION

AGENT: OCEAN AND COASTAL CONSULTANTS, INC.

PROPOSED MAINTENANCE DREDGING
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COUNTY OF CAPE MAY
STATE OF NEW JERSEY

APPLICATION BY: STONE HARBOR

DATE: 1/29/15

SHEET 9 OF 9

5 Compliance Statement

The purpose of this Compliance Statement is to address the policies of the Coastal Zone Management Rules, N.J.A.C 7:7E, that apply to the proposed activities as required by the New Jersey Department of Environmental Protection Waterfront Development / Coastal Wetlands Permit Application. These remarks demonstrate that the project will be conducted in a manner that is consistent with the aforementioned rules and regulations.

The Applicant (The Borough of Stone Harbor) proposes to perform maintenance dredging in the back bay lagoons of Stone Harbor, and is requesting authorization for a municipality-wide permit which will allow for these activities to be performed over a five year period. The location of the proposed activity is east of the Great Channel Waterway, on the west side of the Borough of Stone Harbor, County of Cape May, NJ. The rules that are relevant to the proposed activities are identified below.

SUBCHAPTER 3. SPECIAL AREAS

7:7E-3.1 Purpose and scope.

(a) Special Areas

1. Special Water Areas: The proposed permit activities will occur in and around the following special water areas. Compliance with each area is provided below
 - Finfish migratory pathways
 - Navigation channels
 - Intertidal and subtidal shallows
 - Barrier island corridor
 - Existing lagoon edges
 - Wetlands
2. Special Water's Edge Areas: The proposed permit activities will occur in and around the following special water areas. Compliance with each area is provided below.
 - Barrier Islands
3. Special Land Areas: Not applicable

4. Coastwide Special Areas: The proposed permit activities will occur in and around the following Coastwide Special Areas. Compliance with each area is provided below.

- Barrier Islands (Coastwide Special Areas include Special Water's Edge Areas)

(b) General Water Areas: The proposed permit activities will occur in and around the multiple general water areas. A list of those areas along with a compliance statement is provided in this document.

7.7E-3.5 Finfish migratory pathways

The proposed activity is not anticipated to permanently affect water quality, or create a physical barrier to the movement of fish along the Great Channel. In-water work activities may adversely affect water quality but impacts will be temporary and minimized by adhering to seasonal restrictions if applicable. Therefore, the proposed activities comply with this policy.

7.7E-3.7 Navigation channels

The adjacent Federal Navigation Channel (Great Channel) serves as part of the Intracoastal Waterway from Nummy Island to the Gull Island Thorofare. The proposed activities are located at recreational and commercial berths within the back bays of Stone Harbor. The bays are sheltered, inland from the Great Channel. Smaller waterways to be dredged are located adjacent to the Federal Channel, however the proposed activities are maintenance-related, and will not impede or negatively impact safe navigation. All dredging activities will be closely coordinated with the USCG and proper notifications will be made to comply with USCG requirements. Therefore, the proposed activities comply with this policy.

7.7E-3.15 Intertidal and subtidal shallows

The Borough contains intertidal and subtidal shallows along the inland shoreline, however the proposed project is compliant with this standard as no new dredging is proposed within the intertidal and subtidal shallows. Per 7:7E-3.15(c) maintenance dredging of intertidal and subtidal shallows is acceptable to maintain adequate water depths in accordance with N.J.A.C. 7:7E-4.6. Therefore, the proposed activities comply with this policy.

7.7E-3.20 Barrier Island Corridor

The project area includes a barrier island corridor, or interior portion of an oceanfront barrier island. No new or expanded development within the oceanfront barrier island corridor is proposed. The proposed project consists only of maintenance activities. As such, the proposed activities comply with this policy.

7.7E-3.24 Existing Lagoon Edges

The site contains existing manmade land areas resulting from the dredging and filling of bay bottom for the purpose of creating waterfront lots along lagoons for residential and commercial development. No new development or alterations to existing lagoon edges are proposed. Therefore, the proposed activities comply with this policy.

7.7E-3.27 Wetlands

Adjacent to the site are estuarine and marine wetlands, according to the U.S. Fish and Wildlife Service National Wetlands Inventory. No new development is proposed in

wetlands. The proposed project is limited to maintenance dredging; activities will be restricted to previously dredged areas. All areas adjacent to wetlands will have a 3:1 dredge slope. Therefore, the proposed activities comply with this policy.

7:7E-3.38 Endangered or Threatened Wildlife or Plant Species Habitats

According to the US Fish and Wildlife Service Resource List for this area, several birds, flowering plants, and land mammals are listed as threatened or endangered. A complete list of these species has been attached to this narrative. As all dredging activities will take place in the sub-tidal zone. The proposed upland dewatering site (north of the North Basin) is a paved parking lot, therefore devoid of habitat for the listed species in question. As such, it is not anticipated that any birds, plants, or land animals will be adversely affected by the proposed activities.

According to the 2014 Shellfish Growing Water Classification Chart published by the NJDEP, the Great Channel is classified as a seasonally restricted shellfish area. The Great Channel is adjacent to the project area. The back bays (project area) is classified as a "prohibited area", condemned for the harvest of oysters, clams, and mussels. It is not anticipated that shellfish will be adversely affected by the proposed maintenance dredging.

According to the NOAA National Marine Fisheries Service Summary of Essential Fish Habitat (EFH) for the south Jersey area, there are fish of concern in the greater Atlantic area. However, any diadromous species of concern would be in transit to spawning waters in the river or heading out to sea to spawn. No fish are spawning in the immediate area of the project, so dredging will not disrupt any species of special concern in the area. No endangered sea turtles, shortnose or Atlantic sturgeon spawn in this waterway or in the southern NJ area.

It is not anticipated that endangered or threatened wildlife or plant species habitats will be adversely affected by the proposed project. Therefore, proposed activities are compliant with this policy.

7:7E-3.50 Lands and waters subject to public trust rights

The project includes waters subject to public trust rights. Maintenance dredging of the back bay lagoons will provide access for public use of the waters, and access to the Atlantic for recreational boating. Therefore the proposed project activities comply with this policy.

SUBCHAPTER 4. GENERAL WATER AREAS

7.7E-4.1 Purpose and scope

- (a) The proposed permit activities are located below the spring high water line and are subject to this subchapter.
- (b) The proposed activities will be located in the Great Channel and back bay lagoons of Stone Harbor. The Great Channel is classified as a "tidal gut" because it connects two estuarine bodies of water. The lagoons of Stone Harbor are classified as "back bays" as these areas consist of a partially confined estuary within direct inlet connection and have some inflow of freshwater.

(c) The proposed permit activities will occur in and around the following General Water Areas. Compliance with each area is provided below

- 7:7E-4.5 Recreational docks and piers
- 7:7E-4.6 Maintenance dredging
- 7:7E-4.8 Dredged material disposal

7:7E-4.5 Recreational docks and piers

The proposed activities involve maintenance dredging through the back bay lagoons of Stone Harbor which will promote the use of recreational docks and piers, and allow for continued safe boating conditions. The proposed project is therefore consistent with this policy.

7:7E-4.6 Maintenance dredging

(a) Maintenance dredging – the removal of accumulated sediment from a previously authorized area for the purpose of maintaining a previously authorized water depth and width for safe navigation.

1. The proposed areas for maintenance dredging occupy historically authorized areas, were last dredged in 2003 and permitted until 2005, and are currently used for navigation. The proposed maintenance dredging does not increase either the footprint or depth of dredging.

(b) Maintenance dredging is conditionally acceptable to the authorized depth, length and width to ensure safe navigation. The following conditions will be met by the proposed project:

1. The dredge material will be disposed of at an authorized upland facility which is permitted to accept dredge material. At the time of application, a sampling and analysis plan has been approved by the NJDEP. The applicant is seeking to obtain a Letter of Material Acceptance from Cape Mining and Recycling. There appears to be sufficient capacity at this site to accept dredged material, and as each dredging event is planned, the NJDEP will receive a formal request for an Acceptable Use Determination for the particular site to be selected for disposal and will include a letter of material acceptance with the request. Cape Mining and Recycling is located in Lower Township, Cape May County, NJ.
2. Sampling and testing of the proposed dredge material is in progress. Results will be submitted to NJDEP when they become available.
3. The predicted water quality parameters may exceed State Surface Water Quality Standards temporarily during the dredging operations. This is considered a short-term condition with no significant or long-term impacts. Since the material to be removed results from a natural sedimentation process within the estuary, it is reasonable to conclude that the work is compliant with this policy.
4. Overboard disposal of uncontaminated sediments into unconfined disposal sites is not proposed for this project. Dredged sediments will be transported to a dewatering site adjacent to the North Basin, and subject to mechanical dewatering via geotextile tubes. Then the dewatered dredged material will be transported to an approved upland facility.

5. Overboard disposal of sediments is not proposed. It is not anticipated that shellfish habitats will be adversely affected by the proposed activities.

(c) It is anticipated that the contractor will employ mechanical dredging methods between berths and slips, and hydraulic dredging methods to collect gathered sediments for removal.

7:7E-4.8 Dredged material disposal

The dredged material is proposed to be disposed of at an upland site (not in a water area) under a NJDEP AUD, therefore this policy is not applicable.

SUBCHAPTER 7. USE RULES

7:7E-7.1 Purpose and scope

The project area at which the proposed activities (maintenance dredging) will occur is are existing marina and residential boating facilities currently used for recreational boating purposes, located in the coastal zone; therefore, the following policies are applicable:

- 7:7E-7.2 Housing Use Rules
- 7:7E-7.3 Resort/Recreational Use
- 7:7E-7.11 Coastal engineering
- 7:7E-7.12 Dredged material placement on land

7:7E-7.2 Housing Use Rule

- (a) The proposed activities involve residences which currently have waterfront rights, and recreational boating facilities associated with their properties. As such, the Housing Use Rule is applicable to this project.
- (b) No new housing development is proposed. No bulkheading or revegetation of an existing lagoon is proposed. Proposed dredging will not adversely affect public access to the water. This project will promote resident's ability to exercise their right to access bay waters, and is therefore consistent with this policy.

7:7E-7.3 Resort/Recreational Use

- (a) Resort/Recreational uses include marinas and boating facilities which are included in the proposed project, to be dredged in Stone Harbor.
- (b) The use of the facilities as recreational marinas are compatible with existing uses. The facilities are also water dependent, and thus consistent with this rule.

7:7E-7.11 Coastal engineering

- (a) The back bay lagoons include engineered lagoon edges, among other structures. The site has also been dredged previously. In accordance with this policy, these structures are designed to protect the shoreline from the effects of erosion, storms, and sediment movement.
- (b) N/A per (c)
- (c) No new engineered structures, or modifications to engineered structures are proposed within this project scope.

7:7E-7.12 Dredged material placement on land

- (a) The dredged material will be disposed of upland at an approved facility and is therefore consistent with this policy.

- (b) Sampling and testing of the proposed dredge material shall be performed in accordance with NJDEP directives. The material meets criteria for upland placement and is therefore compliant with this policy.

SUBCHAPTER 8. RESOURCE RULES

7:7E-8.1 Purpose and scope

The scope and location of the proposed activities (maintenance dredging) will have minimal effects on the various resources of the built and natural environment as described below.

- **7:7E-8.2 Marine Fish and Fisheries**
- **7:7E-8.4 Water Quality**
- **7:7E-8.11 Public access**

7:7E-8.2 Marine Fish and Fisheries

The proposed activities are limited to maintenance activities and will not have a significant adverse impact to the natural functioning of marine fish and fisheries. It is anticipated that the Department will issue guidelines for conduct of the proposed activity that will further minimize any adverse effects on local fisheries.

7:7E-8.4 Water Quality

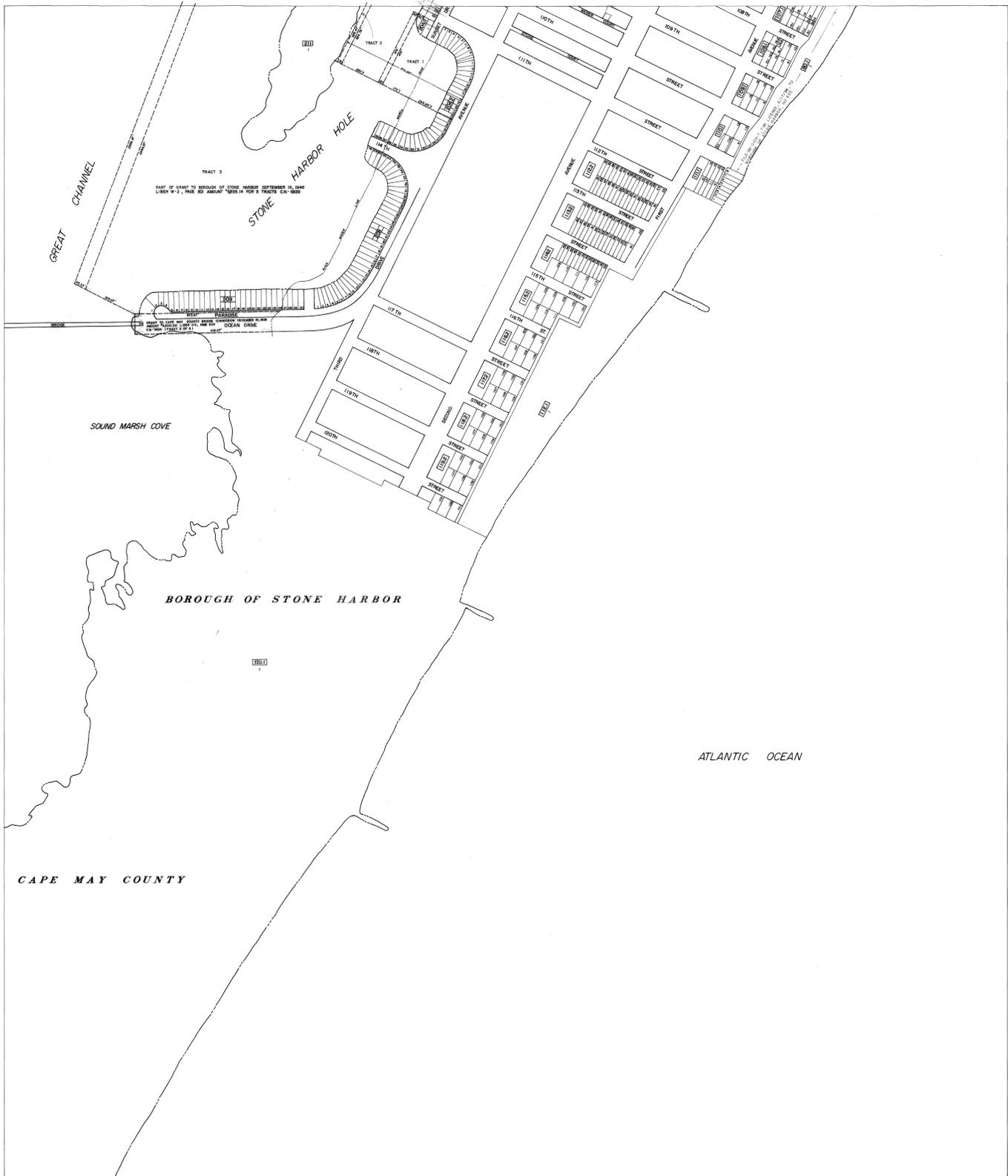
The proposed activities are limited in scope and will not have a significant adverse impact to water quality. It is anticipated that the Department will issue guidelines for conduct of the proposed activity that will further minimize any adverse effects on water quality

7:7E-8.11 Public access

The project area consists of residential waterfront, and marinas. The existing marinas serve to promote recreational boating and provide public access to bay waters. No changes in use of the waterfront are proposed, and it is not expected that public access will be impeded during construction activities. No permanent obstructions to public access will arise because of the proposed activities; therefore, it is not required to provide any additional public access during or after construction.

6 Tidelands

As indicated on NJDEP Tidelands Conveyance Maps 070-1968, 077-1968, 077-1974, and 084-1974 valid tidelands instruments via grants exist for all proposed waters except for the dredge areas at the North Basin, South Basin, Snug Harbor, and Shelter Haven. A NJDEP Tidelands Dredging License application is being submitted concurrently for these dredging areas.



STATE OF NEW JERSEY
 DEPARTMENT OF ENVIRONMENTAL
 PROTECTION
 BUREAU OF TIDELANDS MANAGEMENT
 MAP SHOWING CONVEYANCES ON
 ATLANTIC OCEAN, GREAT CHANNEL, STONE HARBOR HOLE
 IN THE BOROUGH OF STONE HARBOR
 CAPE MAY COUNTY



The areas, boundaries and dimensions shown on this plan are derived from record tideland grants, official deeds, leases, licenses, easements and judgments relating thereto. This map should be used for reference purposes only. The individual instrument should be consulted to ascertain the accurate legal description and the significance of all substantive terms and conditions.

SCALE: 1" = 200' DRAWN BY: F. BERNARD

ATLAS SHEET NO. 070-1968

7 Public Notice

The proposed permit activities are more than one-half mile in length and therefore public notice shall be provided in the official newspaper of the municipality or in a newspaper of general circulation in the municipality if there is no official newspaper. The newspaper notice shall be published as a display ad at least four inches in width.

Take Notice that an application has been submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for a Waterfront Development Permit for the development described below:

APPLICANT: BOROUGH OF STONE HARBOR
PROJECT NAME: STONE HARBOR MAINTENANCE DREDGING
PROJECT DESCRIPTION: PERIODIC MAINTENANCE DREDGING OF STONE HARBOR WATERWAYS WITH UPLAND PLACEMENT OF DREDGED MATERIAL
PROJECT STREET ADDRESS: BAYFRONT BETWEEN 80TH STREET AND 119TH STREET
BLOCK: N/A
LOT: N/A
MUNICIPALITY: BOROUGH OF STONE HARBOR
COUNTY: CAPE MAY COUNTY

The complete permit application package can be reviewed at either the municipal clerk's office or by appointment at the Department's Trenton office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 15 days of receiving this notice to:

New Jersey Department of Environmental Protection
Division of Land Use Regulation
P.O. Box 420, Code 501-02A
501 East State Street
Trenton, New Jersey 08625-0420
Attn: Borough of Stone Harbor Bureau Chief

SENT VIA FEDEX

Borough of Stone Harbor
9508 Second Avenue
Stone Harbor, NJ 08247
(609) 368-5102

Attention: Suzanne Stanford, R.M.C, Borough Clerk

Reference: NJDEP Permit Application Distribution

Dear Ms. Stanford:

Please find enclosed three (3) copies of the NJDEP waterfront development application package for the Stone Harbor Maintenance Dredging Project. Per NJDEP instruction, OCC respectfully requests that you distribute one (1) copy of the application to the Planning Board and one (1) copy to Borough's Environmental Commission. The third copy is for your records.

Please contact the undersigned via phone at (856) 821-4131 or email at madn@cowi.com with any questions.

Very truly yours,

Matthew Dalon, PE
Project Manager

Encl: Three (3) NJDEP Permit Application Packages